



NATIONAL DRUG FILE (NDF)

TECHNICAL MANUAL

Version 4.0
October 1998

(Revised October 2002)

Revision History

Any changes subsequent to the initial release of this manual are listed below. The users should update the manual with the pages listed under the Revised Pages column.

Date	Revised Pages	Patch Number	Description
10/02	Title Page, i-iv, 12, 12a, 12b	PSN*4*64	-Replaced the Title Page (and associated blank page) and the Revision History Page (and associated blank page). -Added page numbers to the Revision History Pages and Table of Contents Pages. - Updated the Electronic MailMan Messages for Drugs Unmatched from the National Drug File.
10/02	Title Page 10, 10a, 10b, 11, 12, 12a, 12b	PSN*4*58	- Replaced the Title Page (and associated blank page) and the Revision History page (and associated blank page after it.) - Updated the Electronic MailMan Messages for Data Update for NDF, Updated Interactions, and Drugs Unmatched from National Drug File. This included new screen captures and required the addition of new pages.
09/01	Title Page 10-12	PSN*4*53	- Replaced the Title Page (and associated blank page) and the Revision History page (and associated blank page after it.) - Added a new Electronic Mail Message for Updated Interactions and added new screen captures for the Electronic Mail Messages for Data Update and Drugs Unmatched from National Drug File.
02/00	6,7,9	PSN*4*22	Added a new option called <i>Inquire to National Files</i> .
10/98			Original Released Technical Manual.

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The build will check to make sure that the site has the following patches installed:

<u>Package</u>	<u>Patch Needed</u>
Adverse Reaction Tracking V. 4.0	GMRA*4*13
Consolidated Mail Outpatient Pharmacy V. 2.0	PSX*2*18
Decision Support System V. 3.0	ECX*3*10
Drug Accountability V. 3.0	PSA*3*8
Immunology Case Registry V. 2.1	IMR*2.1*3
Inpatient Medications V. 4.5	PSJ*4.5*59
Inpatient Medications V. 5.0	PSJ*5*11, PSJ*5*14
Order Entry/Results Reporting V. 3.0	OR*3*33 <i>[CPRS sites only]</i>
Outpatient Pharmacy V. 6.0	PSO*6*173
Outpatient Pharmacy V. 7.0	PSO*7*10, PSO*7*11
Pharmacy Data Management V. 1.0	PSS*1*29

External Relations

Data Base Integration Agreements (DBIAs)

National Drug File (NDF) V. 4.0 has Data Base Integration Agreements (DBIAs) with the packages listed above. For complete information regarding the DBIAs for NDF V. 4.0, please refer to the *DBA [DBA]* menu option on FORUM and then the *Integration Agreement Menu [DBA IA ISC]*.

Internal Relations

All of the National Drug File software package options have been designed to stand-alone.

Package-Wide Variables

The National Drug File routines do not use package-wide variables.

Electronic MailMan Messages

When the data patches have been sent, you and holder(s) of the PSNMGR key will receive MailMan messages similar to the following examples.

The first MailMan message lists new VA products that have been added to the National Drug File, the VA products for which the National Formulary Indicator is changed, and the active VA products that are unmarked for CMOP. The second MailMan message lists the interactions that have been added, edited, or inactivated in the National Drug File. The third MailMan message contains a list of drugs unmatched from the National Drug File.

MailMan Message 1: Data Update for NDF

```
Subj: DATA UPDATE FOR NDF  [#112345] 03 May 02 11:31  420 lines
From: NDF MANAGER  In 'IN' basket.    Page 1
```

The following VA Products have been added to the National Drug File. You may wish to review, then match or unmatched local drug file entries based on this updated information.

```
ACCU-CHEK ACTIVE (GLUCOSE) TEST STRIP
(CMOP - XZ355)                (DISPENSE UNIT - EA)
050924-0681-01    050924-0475-50
BOSENTAN 125MG TAB
(CMOP - B0477)                (DISPENSE UNIT - TAB)
066215-0102-06
CHONDROITIN NA 40MG/HYALURONATE 30MG/ML INJ,OPH,SYRINGE,0.75ML
(CMOP - C1041)                (DISPENSE UNIT - SYRINGE)
008065-1839-75
DIGOXIN (LANOXIN) 0.125MG TAB
(CMOP - D0080)                (DISPENSE UNIT - TAB)
000173-0242-75    000173-0242-30    000173-0242-55
ESTRADIOL 25MCG TAB,VAG,APPLICATOR
(CMOP - E0335)                (DISPENSE UNIT - EA)
000009-5173-03    000009-5173-02    000009-5173-04
FERROUS SO4 325MG TAB,EC,UD
(CMOP - F0297)                (DISPENSE UNIT - TAB)
000574-0608-11
GLYCERIN 3%/SODIUM CL 0.75% SOLN,NASAL
(CMOP - G0220)                (DISPENSE UNIT - ML)
050930-0280-50    050930-0280-32
HYDROGEN PEROXIDE 1.5% RINSE,ORAL
(CMOP - H0408)                (DISPENSE UNIT - ML)
010310-3186-00    038341-0800-80    038341-0801-60
IBRITUMOMAB TIUXETAN IN-111 INJ,KIT
(CMOP - I0336)                (DISPENSE UNIT - KIT)
064406-0104-04
```

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MailMan Message 1: Data Update for NDF (continued)

The National Formulary Indicator has changed for the following VA Products. The National Formulary Indicator will automatically be changed in your local DRUG file (#50). Please review the VISN and Local Formulary designations of these products and make appropriate changes.

FORMULARY ITEMS

ACCU-CHEK ACTIVE (GLUCOSE) TEST STRIP
AL OH 500MG/MG OH 400MG/SIMETHICONE 40MG/5ML LIQUID (ML)
ALBUTEROL SO4 0.5% SOLN, INHL, 5ML
CLARITHROMYCIN 500MG TAB, SA, PKT, 14
EFAVIRENZ 600MG TAB
ENOXAPARIN 120MG/0.8ML INJ, SYRINGE, 0.8ML
FOLIC ACID 1MG TAB, UD
GUAIFENESIN 100MG/5ML (AF) LIQUID
HEPATITIS A 720 EL.U/HEPATITIS B 20MCG/1ML VACCINE INJ
HEPATITIS A 720 EL.U/HEPATITIS B 20MCG/ML VACCINE INJ, SYR, 1ML

NON-FORMULARY ITEMS

OPIUM 10% TINCTURE
PROCAINAMIDE HCL 1000MG TAB, SA
PROCAINAMIDE HCL 250MG CAP
PROCAINAMIDE HCL 250MG TAB

The following active VA Products are no longer marked for CMOP. All local drug file entries matched to these VA Products will be UNMARKED for CMOP. In order to have these entries dispensed by CMOP any local DRUG file (#50) entries matched to these products must be re-matched to another VA product that is actively marked for CMOP dispensing.

ANTI-THYMOCYTE GLOBULIN (RABBIT) 25MG/VIL INJ	A1108
BANDAGE, PROFORE FOUR LAYER SYSTEM, S-N #66000016	XX199
ISOTRETINOIN 10MG CAP	I0085
ISOTRETINOIN 20MG CAP	I0086
ISOTRETINOIN 40MG CAP	I0087

The National Formulary Restriction has changed for the following VA Products.

MONTELUKAST NA 10MG TAB
Refer to leukotriene inhibitor criteria for use.
MONTELUKAST NA 10MG TAB, UD
Refer to leukotriene inhibitor criteria for use.
PROCAINAMIDE HCL (PROCANBID) 500MG TAB, SA
Refer to Procainamide drug monitoring recommendations.

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MailMan Message 2: Updated Interactions

Subj: UPDATED INTERACTIONS [#112242] 31 Jul 01 10:30 17 lines
From: NDF MANAGER In 'IN' basket. Page 1

The following interactions in National Drug File (NDF) have been added, edited or inactivated. These changes are the result of review and recommendations from the NDF support group.

ADDED INTERACTIONS

ALPRAZOLAM/NEFAZODONE	Significant
BUSPIRONE/NEFAZODONE	Significant
NEFAZODONE/TRIAZOLAM	Significant

EDITED INTERACTIONS

NONE

INACTIVATED INTERACTIONS

NONE

MailMan Message 3: Drugs Unmatched from National Drug File

Subj: DRUGS UNMATCHED FROM NATIONAL DRUG FILE [#1970] 03 Apr 02 13:55
137 lines

From: NDF MANAGER In 'IN' basket. Page 1

The following active entries in your DRUG file (#50) have been unmatched from the National Drug File (NDF). The VA Product name and CMOP ID corresponding to the unmatched local drug file name are listed on the indented line beneath each entry. An Inactivation Date may be listed for entries when this reason applies. Until you rematch these entries to NDF, they will not transmit to CMOP and drug-drug interaction checks will not check for these products. It is critical that you rematch these products immediately. You may also need to match a new orderable item. Any possible dosages and local possible dosages for these unmatched products have been deleted. Therefore, the dosages for each unmatched product should be reviewed after the rematch or recreated if the product can not be rematched to a VA Product through the NDF matching process.

DRUG	IEN	INACTIVATION DATE
CYCLOPHOSPHAMIDE 50MG C.T. (CMOP C0332) CYCLOPHOSPHAMIDE 50MG TAB STRENGTH: 50 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 50 IO 2 100 IO	6	3/4/2002
HYDROMORPHONE 2MG C.T. (CMOP H0297) HYDROMORPHONE HCL 2MG TAB STRENGTH: 2 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 2 O 2 4 IO LOCAL POSSIBLE DOSES DOSE PACKAGE BCMA UNITS/DOSE TEST O	301	
METHOCARBAMOL 750MG TAB (CMOP M0055) METHOCARBAMOL 750MG TAB STRENGTH: 500 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 500 IO 2 1000 IO 3 1500 IO LOCAL POSSIBLE DOSES DOSE PACKAGE BCMA UNITS/DOSE	132	

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MailMan Message 3: Drugs Unmatched from National Drug File (continued)

The following investigational entries in your DRUG file (#50) have been unmatched from the National Drug File (NDF). The VA Product name and CMOP ID corresponding to the unmatched local drug file name are listed on the indented line beneath each entry. An Inactivation Date may be listed for entries when this reason applies. Until you rematch these entries to NDF, they will not transmit to CMOP and drug-drug interaction checks will not check for these products. It is critical that you rematch these products immediately. You may also need to match a new orderable item. Any possible dosages and local possible dosages for these unmatched products have been deleted. Therefore, the dosages for each unmatched product should be reviewed after the rematch or recreated if the product can not be rematched to a VA Product through the NDF matching process.

DRUG	IEN	INACTIVATION DATE
CHLORAMBUCIL 2MG TAB. (CMOP C0551) CHLORAMBUCIL 2MG TAB STRENGTH: 2 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 2 IO 2 4 IO 3 6 IO	5	
NITROGLYCERIN 0.3MG S.L.T. (CMOP N0056) NITROGLYCERIN 0.3MG TAB, SUBLINGUAL STRENGTH: .3 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 .3 IO 2 .6 IO LOCAL POSSIBLE DOSES DOSE PACKAGE BCMA UNITS/DOSE 1 PATCH I	245	
TEST DRUG IV (CMOP N0147) NIZATIDINE 150MG CAP STRENGTH: 150 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 150 IO 2 300 IO LOCAL POSSIBLE DOSES DOSE PACKAGE BCMA UNITS/DOSE	44	

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MailMan Message 3: Drugs Unmatched from National Drug File (continued)

The following inactive entries in your DRUG file (#50) have been unmatched from the National Drug File (NDF). The VA Product name and CMOP ID corresponding to the unmatched local drug file name are listed on the indented line beneath each entry. An Inactivation Date may be listed for entries when this reason applies. Until you rematch these entries to NDF, they will not transmit to CMOP and drug-drug interaction checks will not check for these products. It is critical that you rematch these products immediately. You may also need to match a new orderable item. Any possible dosages and local possible dosages for these unmatched products have been deleted. Therefore, the dosages for each unmatched product should be reviewed after the rematch or recreated if the product can not be rematched to a VA Product through the NDF matching process.

DRUG	IEN	INACTIVATION DATE
AZATHIOPRINE 50MG TAB (CMOP A0478) AZATHIOPRINE 50MG TAB STRENGTH: 50 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 50 IO 2 100 IO 3 LOCAL POSSIBLE DOSES DOSE PACKAGE BCMA UNITS/DOSE DOSE IO 2	1	2/2/1994
BUSULFAN 2MG TAB (CMOP B0232) BUSULFAN 2MG TAB STRENGTH: 2 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 2 IO 2 4 IO	4	3/4/2002
CLOFIBRATE 500MG CAP (CMOP C0284) CLOFIBRATE 500MG CAP STRENGTH: 500 UNITS: MG POSSIBLE DOSES DISP UNITS/DOSE DOSE PACKAGE BCMA UNITS/DOSE 1 500 IO 2 1000 IO LOCAL POSSIBLE DOSES DOSE PACKAGE BCMA UNITS/DOSE TEST IO 2	189	3/4/2002